

20011018.qrp v02_n346.qrl.20011018

Date: Thu, 18 Oct 2001 19:03:10 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2346

QRP-L Digest 2346

Topics covered in this issue include:

- 1) [108951] Tripod: wind, other vibrations...
by "ss lyon" <sslyon@megalink.net>
- 2) [108952] RE Schedule results
by lhlousek <lhlousek@nvhbell.net>
- 3) [108953] Milliwatt DXCC #75 & 76
by "Jim" <sunwatt@starband.net>
- 4) [108954] Re: Results last night New England QRP SSB NET
by Rick McNelly <rmcnelly@home.com>
- 5) [108955] RE: [GQRP] Gas powered radio
by Nick Kennedy <nkennedy@tcainternet.com>
- 6) [108956] Re: IC Pinouts
by geoff allsup <gallsup@whoi.edu>
- 7) [108957] Re: OT: Altoids on sale
by K5BDZ@aol.com
- 8) [108958] NEQRP CW Net, 18 October 01, 8:30 PM EDT, 3.565MHz
by Chuck Ludinsky <cjl@mitre.org>
- 9) [108959] Re: OPERATING - PSK31 & Warbler
by John R Kirby <n3aaz-qrp@juno.com>
- 10) [108960] Return Loss Bridge
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
- 11) [108961] Mobile QRP CW
by "T.W." <wb5qyt@abq.com>
- 12) [108962] FS: Heath HM-102
by "T.W." <wb5qyt@abq.com>
- 13) [108963] Re: ZM-2 Construction
by Richard Mulvey <rich@mulveyfamily.com>
- 14) [108964] Info: NC40
by "T.W." <wb5qyt@abq.com>
- 15) [108965] CLUB: WestFLA QRP Meeting this Saturday, 20 September 2001
by "Stephen D. Cohen" <scohen@tampabay.rr.com>
- 16) [108966] Re: Tripod: wind, other vibrations...
by Dave Fouchey <dafouchey@home.com>
- 17) [108967] CQ Magazine a target for terrorists?
by "Marshall Emm" <mgemm@mtechnologies.com>
- 18) [108968] Re: CQ Magazine a target for terrorists?
by Dave Sjolin <sjolin@swbell.net>
- 19) [108969] ot: Tripod vibrations...

- by "ss lyon" <sslyon@megalink.net>
- 20) [108970] Re: CQ Magazine a target for terrorists?
by "Alan Kaul" <alan.kaul@worldnet.att.net>
- 21) [108971] Re: ot: Tripod vibrations...
by "George, W5YR" <w5yr@att.net>
- 22) [108972] Re: CQ Magazine a target for terrorists?
by Radioham <radioham@home.com>
- 23) [108973] Re: CQ Magazine a target for terrorists?
by Dave Sjolín <sjolin@swbell.net>
- 24) [108974] To the field Radio Packs
by John Zaruba Jr <jzaruba@snip.net>
- 25) [108975] OT: Stereo PC sound board ?...
by "Tom Scott" <tomrscott@sterlink.net>
- 26) [108976] Elecraft to unveil something new at Pacificon
by Wayne Burdick <n6kr@elecraft.com>
- 27) [108977] Tiny Tornado QRPP rig rcvd!
by "N7SG K7FD" <k7fd@hotmail.com>
- 28) [108978] Can't Sleep Thinking of Pacificon
by "Jay Bromley" <w5jay@alltel.net>
- 29) [108979] When is the Swapmeet at Pacificon?
by Jack WsixABC <w6abc@yahoo.com>
- 30) [108980] Re: IC Pinouts
by "Leon Heller" <leon_heller@hotmail.com>
- 31) [108981] Re: CQ Magazine no more paper logs
by "Alan Kaul" <alan.kaul@worldnet.att.net>
- 32) [108982] Re: Tripod: wind, other vibrations...
by Bruce Muscolino <w6toy@erols.com>
- 33) [108983] For sale: Ten Tec 509/CW Filter
by Mercxx@aol.com
- 34) [108984] Re: CQ Magazine a target for terrorists?
by "Jim Stamper" <jstamper@shentel.net>
- 35) [108985] Re: CQ Magazine a target for terrorists?
by Terry Bassett <mutabut@net66.com>
- 36) [108986] Re: CQ Magazine a target for terrorists?
by "Mike Yetsko" <myetsko@insydesw.com>
- 37) [108987] Re: Stereo PC sound board ?...
by "Mike Yetsko" <myetsko@insydesw.com>
- 38) [108988] Re: CQ Magazine a target for terrorists?
by "Mark J. Dulcey" <mark@buttery.org>
- 39) [108989] Re: CQ Magazine a target for terrorists?
by "John L.Sielke" <jsielke@pobox.com>
- 40) [108990] Re: CQ Magazine a target for terrorists?
by W2AGN <w2agn@pobox.com>
- 41) [108991] ram
by Wayne Rogers <w5kdj@juno.com>
- 42) [108992] OT: 40" 1-o-n-g Refractor barrel...
by "ss lyon" <sslyon@megalink.net>
- 43) [108993] RE: Gas Powered Radio

by delphinus@brightok.net

44) [108994] Re: Gas Powered Radio
by "RR" <n4gi@tampabay.rr.com>

45) [108995] QRP antenna problems
by "Karl F. Larsen" <k5di@zianet.com>

46) [108996] QRPacificon QSO Party for Everyone
by "Doug Hendricks" <ki6ds@dph.dpol.net>

47) [108997] Re: CQ Magazine a target for terrorists?
by Bruce Muscolino <w6toy@erols.com>

48) [108998] Pacificon Swapmeet?
by "Brad Hernlem" <alihernlem@hotmail.com>

49) [108999] Re: Gas Powered Radio
by "Jim Stamper" <jstamper@shentel.net>

50) [109000]
by "Kochenderfer, Mike (M.)" <mkochend@ford.com>

51) [109001] RE: Gas Powered Radio
by "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>

52) [109002] Re: Gas-powered radio
by "Gary Lee Phillips" <ka9nzi@arrl.net>

53) [109003] Re: Pacificon Swapmeet?
by "Robert P. Okas" <vintage@best.com>

54) [109004] Key clicks local
by Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>

55) [109005] RE: Key clicks local
by "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>

56) [109006] Sked with WF5A\4
by "Karl F. Larsen" <k5di@zianet.com>

57) [109007] Re: Gas-powered radio
by "Leon Heller" <leon_heller@hotmail.com>

58) [109008] Info/Help needed
by "Tim A. King Jr." <iflyos@hotmail.com>

59) [109009] Stirling and steam engines for QRP power
by "Leon Heller" <leon_heller@hotmail.com>

60) [109010] Special Event Station K7UGA on the Air This Weekend
by "John Stevens" <john.w.stevens@home.com>

61) [109011] NETXQRP Club Meeting
by "Chuck Carpenter" <w5usj@globeco.net>

62) [109012] [CONTEST] QRP Contest Calendar Oct 20-31
by Ken Newman <N2CQ@dandy.net>

63) [109013] PC Repair
by "Steve Ray" <sbralr@worldnet.att.net>

64) [109014] [CONTEST] QRP Homebrewer Logs Needed
by Ken Newman <N2CQ@dandy.net>

65) [109015] K2BSA/9 JOTA
by "Steve Blary" <steve@eclipsecat.com>

66) [109016] z11 auto tuner
by <ke5tc@crosstel.net>

67) [109017] RE: [GQRP] Gas powered radio

by Euramcom <mel@euramcom.freemove.co.uk>
68) [109018] Re: The Club Sandwich Project
by "Howard Kraus" <K2UD@adelphia.net>
69) [109019] KE6RIE + Straight Keys at Pacificon
by "Doug Hauff" <slmachco@fix.net>
70) [109020] I'm off to QRPacificon
by "Doug Hendricks" <ki6ds@dph.dpol.net>
71) [109021] On modifying for qrp...
by G Brandon Hoyt <preacher102677@juno.com>
72) [109022] Help Requested
by "Randy Joiner" <biggman@accucomm.net>
73) [109023] Re: On modifying for qrp...
by Jim Campbell <jim-c@nc.rr.com>
74) [109024] RE: Help Requested
by Mike Gipe <mgipe@reliablemeters.com>

Date: Wed, 17 Oct 2001 19:14:22 -0400
From: "ss lyon" <sslyon@megalink.net>
To: <w6toy@erols.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [108951] Tripod: wind, other vibrations...
Message-ID: <00b801c15761\$74e08540\$038798ce@megalink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The "sandbag" idea is a tried and true method. But sand isn't the weight medium of choice -unless particulates aren't a concern, as in antennas. For photography a common trick is to use one pound bags of rice or beans duct taped to critical areas. Lead shot is more efficient, but not as handy or available, usually. I've used the 'bean bag' to damp out mirror slap from my SLR on a telescope as well as long exposure shots on a tripod. Very effective, esp. when coupled with the ubiquitous duct tape to put and keep it in the right place.

73
AA1MY

Seabury & Sharon Lyon
99 Sparrowhawk Mtn Rd
Bethel, Me, 04217 U.S.A.
207-836-2576

Virus Protection by Norton and ZoneAlarm
----- Original Message -----

From: "Bruce Muscolino" <w6toy@erols.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, October 17, 2001 5:10 PM
Subject: Re: MP-1 tripod and wind

> Professional photographers use small sand bags to stabilize their
> tripods and light stands in high wind.

Date: Wed, 17 Oct 2001 13:25:57 -0700
From: lhlousek <lhlousek@nvhbell.net>
To: QRP-L list <qrp-l@Lehigh.EDU>, k5di@zianet.com
Subject: [108952] RE Schedule results
Message-ID: <002c01c15749\$ee6f8680\$650dfea9@nvhbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=Windows-1252
Content-transfer-encoding: 7BIT

<<I am a football player in high school and college, 6'4" 240 pounds
and have HUGE hands. I have zero trouble with the FT-817.>>

You probably don't even have to push the buttons. You just intimidate it into
doing what you want. ;-)

Lou W7DZN

Date: Wed, 17 Oct 2001 18:28:26 -0500
From: "Jim" <sunwatt@starband.net>
To: "QRPP-L" <QRPP-L@yahoogroups.com>, "QRP-L" <qrp-L@Lehigh.edu>
Subject: [108953] Milliwatt DXCC #75 & 76
Message-ID: <001901c15763\$73470ea0\$d25a3f94@computer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I got the QSL cards for two new countries. This gets me up to 76 confirmed.
Today I received Saipan (cw 700mW), and Greenland (cw 500mW).

Also found a card for SV5/G4DHF, but that was SSB! I'm going for all CW
mode, so I'll have to catch them on CW some day. hi hi

At my webpage I have a link to show all my mW DX confirmed.

72's de Jim KJ5TF
"All Milliwatts, All The Time"
<http://sunwatt.mystarband.net/>

Date: Wed, 17 Oct 2001 19:32:46 -0400
From: Rick McNelly <rmcnelly@home.com>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [108954] Re: Results last night New England QRP SSB NET
Message-ID: <B7F38D5E.20943%rmcnelly@home.com>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Well the difference from VT to VA might be significant ;-)

TU Seab AA1NY for the relay, you had a fine signal down here.

All check-ins were 58 in Virginia except Ron, who was readable between fades and static. I don't know what happened at the end of the net but the band shifted and you were 59 down here with no fading. I was happy to work you without the relay and to hear you clearly.

Brad W1XV has great audio punch with his Heil mike. He was running 4.5w and gives me ideas for a pair of Heil elements in the FT817 mike (its been done) and finding a place for a speech processor in the rig.

And Garie K8KFJ running 10w from Saint Albans, WV dropped in after the net closed. Had a great signal until splatter from a nearby QSO shut us down.

I've been borrowing a Clear Speech Base DSP and it has worked wonders to pull out marginal signals and make them readable. Not too bad on current drain for a DSP, it pulls 150mA. Current drain isn't a big issue at home, so I'm looking for one for the shack.

Great to see Ed's SWL report, where is he located?

Hoping to hear Ron after he gets his new antenna up! He's gonna have a big signal and will be able to hear better too!

By the way, a big thank you to Ron for being Net Control and having the patience for those of us a little farther away.

72/73,

--Rick, KE4IZH
FT817/Sierra
KLR650-A14
'01 Blast
Chesapeake, Va

> The band was great last night with 10 checkins.
> Last nights checkins:
>
> WA10HR Ev Windham,CT IC756@5W Let us know how the NJQRP
> Islander works out.
> K1CWZ Spi Nashua,NH TR7@10W 40m dipole
> AA1MY Seab Bethel,ME 706MKII@5W Good luck with new
> chain saw.
> K1SWL Dave Colchester,CT
> KC1FB Jim Norwalk,CT FT7@4W Zepp
> W1XV Brad Bow,NH K2@4.5W 40M dipole@50'
> Great sound with Heil mic.
> KE4IZH Rick Chesapeake,VT FT817 40' inverted Vee
> AL0A Greg Windham,ME Argosy II Hope you find the
> hum problem
> WB2EWU Bob Kennedy,NY K2 Dipole
> K1RC John Dracut,MA FT920 Cfeed Zepp

Date: Wed, 17 Oct 2001 18:44:05 -0500
From: Nick Kennedy <nkennedy@tcainternet.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [108955] RE: [GQRP] Gas powered radio
Message-ID: <01C1573B.B32025C0.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Arrgh! I can't stand it. Even though I know Mike posted this link in fun,
I just have to comment.

The free electricity site says,
"We propose to put our generator on your property that will produce 30
kilowatts (kW) per hour. "

Fellows, kilowatts are already "per hour". A watt is a rate of energy
transmission (or use). It's like saying, "I live 55 miles-per-hour from
Little Rock." If you're gonna scam people, at least take the trouble to

learn the jargon--or hire a proofreader.

Sorry, just couldn't help myself. Never taunt an engineer with incorrect technical terminology.

72--Nick, WA5BDU

Oh--guess I have to add the disclaimer. I make a living making electrical energy the old fashioned way. We don't do it with positive thinking, pyramids, Feng Shu (or was it Kim Chee?), magic crystals or the secrets of Nostradamus. Hey! I guess that makes me one of those sinister men in black, suppressing new technologies.

-----Original Message-----

From: Mike Yetzko [SMTP:myetsko@insydesw.com]

OK, ok, I can't help myself... But since this IS a topic on alternative power for rigs...

A friend recently got the email below.

I MAKE NO JUDGEMENTS!

Thanks you for requesting more information on our exciting electricity project.

Our web site, <http://elec4u.20m.com/Offer.htm>, has information on the technology and on how you can register to participate in our program.

Date: Wed, 17 Oct 2001 19:42:12 -0400

From: geoff allsup <gallsup@whoi.edu>

To: w2rnb@prodigy.net

Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>

Subject: [108956] Re: IC Pinouts

Message-ID: <3BCE1754.9067E4B2@whoi.edu>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Royce Simmons wrote:

>

> Hi All,

>

> Is there a site showing the pinouts for the 74xxxxx series of IC's?

>

> Sure would appreciate the URL if there s one.
>

Philips Semiconductor makes 74 series stuff:

<http://www.semiconductors.philips.com>

Use their search feature for the part numbers you want....

72,
geoff
--

Geoff Allsup, W10H gallsup@whoi.edu or w1oh@arrl.net
Research Engineer Upper Ocean Processes Group
Woods Hole Oceanographic Institution Woods Hole, MA, USA

Date: Wed, 17 Oct 2001 19:42:47 EDT
From: K5BDZ@aol.com
To: w4bws@juno.com, qrp-1@lehigh.edu
Subject: [108957] Re: OT: Altoids on sale
Message-ID: <b0.1be3daff.28ff7177@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I just bought some from Walgreens for \$.99 on sale
K5BDZ

Date: Wed, 17 Oct 2001 20:32:45 -0400
From: Chuck Ludinsky <cjl@mitre.org>
To: neqrp@jona1.net, qrp-1@lehigh.edu
Subject: [108958] NEQRP CW Net, 18 October 01, 8:30 PM EDT, 3.565MHz
Message-ID: <3BCE232D.8F245392@mitre.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The New England QRP Club's WQ1RP CW net meets again Thursday night, 18 October 2001, at 8:30 PM EDT (0030Z, 19 October 01) on or near 3.565 MHz. Net control operator for this week's 80M session will be Chuck, K1CL, operating from Chelmsford, MA.

John, WB1HBE, also operating from Chelmsford, was the net control operator for last week's session. John reported that "All sigs were good and net ran approx 45 min from 830 PM EDT to 915 PM EDT." Participants in the net included the following:

AB8DF	Ed	Waterford, MI	339-449/QSB
K1CL	Chuck	Chelmsford, MA	599
W1CFI	Paul	Falmouth, MA	599
K1LGQ	Dennis	Brookline, NH	599
WA1JXR	Greg	Lancaster MA	599
K1CWZ	Spi	Nashua, NH	589
K1RC	John	Dracut, MA	599
WB1HBE	John	Chelmsford, MA	Net Op

Conditions have been quite good on 80M the last few days, so we're looking forward to an excellent net. Stop by and say hello to everyone on the net.

72 DE K1CL,
Chuck.

Date: Wed, 17 Oct 2001 20:39:56 -0400
From: John R Kirby <n3aaz-qrp@juno.com>
To: giamman@rouge.phys.lsu.edu, qrp-1@Lehigh.EDU
Subject: [108959] Re: OPERATING - PSK31 & Warbler
Message-ID: <20011017.204237.-145607.0.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Jim,
C O N G R A T U L A T I O N S on the LONG HAUL PSK contact,
WOW A QRP BLAST . . . A ?

>Jim **ALSO**

Ask . . .

> is QPSK any better than BPSK under very weak signal
>conditions?

Answer, Y E S,
much
MUCH
M U C H ! ! !

better . . . however . . .

sideband is an issue,
both stations MUST be on the same sideband.

You can tell if the distant station is QPSK,
just LQKK at the difference in the number of spokes on the wagon wheel
(tuning indicator) and THEN if you can not print him just switch
sidebands or
(I do not own a 'Warbler' so I do not know
if changing *sideband* is an option on this rig)
establish contact BPSK and then ask him to switch sidebands.

Another outstanding feature of PSK31 (QPSK and / or BPSK) is ROUNDTABLE.

PSK31 is an O U T S T A N D I N G weak signal (qrp) mode.

John
N3AAZ
FM 19 xa

On Wed, 17 Oct 2001 09:54:00 -0500 Jim Giammanco
<giamman@rouge.phys.lsu.edu> writes:
>Had a marginal QSO last night with an op in the upper peninsula of MI
>using my Warbler and the low-height 40 meter horizontal loop. No
>better
>than 30% copy on either end, but enough to get call, name, QTH, and
>the
>fact I was QRP across. That's a pretty good haul from Louisiana on 80
>m
>with 3 watts and a very marginal antenna. So there's optimism that as
>the winter conditions set in 80 m PSK might be more fun than I
>thought.
>
>Right after that QSO I heard (saw?) a CQ from an op in Texas City TX.
>He
>was at 3579, which is a good 1 kHz too low for the Warbler to get
>much
>Tx output. Just as a shot in the dark I answered the CQ - the meter
>showed well under a watt out, more like 300 mW or so. No QSO ensued,
>but
>he did copy my call. I tried to ask him to QSY up to around 3580.4
>where
>I can get the "full warble" of 3 W out, but he apparently was unable
>to
>copy that. But even so that's 200 miles or so on 300 mW.

>
>I'll be tuning around and calling some CQs tonight between 3580 and
>3581
>kHz between 0200 Z and 0400 Z. Give a look (listen?) maybe we'll
>hook
>up.
>
>Question - is QPSK any better than BPSK under very weak signal
>conditions?
>
>72
>Jim N5IB
>
>

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Juno offers FREE or PREMIUM Internet access for less!
Join Juno today! For your FREE software, visit:
<http://dl.www.juno.com/get/web/>.

Date: Thu, 18 Oct 2001 10:42:22 +1000
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: All the Flying Pigs <fpqrp-1@mpna.com>,
electronics-q-and-a Moderator <electronics-q-and-a@egroups.com>,
Subject: [108960] Return Loss Bridge
Message-ID: <3BCE256E.93DAE0EE@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: quoted-printable

Anyone know of the whereabouts of a schematic for Return Loss Bridge that=
will work to 400
MHz ? (Solid State) - for a local mate of mine here in OZ.

Purchasing one locally would be a consideration.

72/73's

Ian Purdie
"I believe Australia is the best address on earth"
Budgewoi N.S.W. Australia - Co-ords S33=B014', E151=B034'
My FREE Newsletter: <http://www.electronics-tutorials.com/subscribe.htm>
VK2TIP "I'll give ya the TIP mate" QRP-L #1978. SOC #171 FP#91
URL - <http://www.electronics-tutorials.com/>

Date: Wed, 17 Oct 2001 18:44:12 -0600
From: "T.W." <wb5qyt@abq.com>
To: <qrp-1@lehigh.edu>
Subject: [108961] Mobile QRP CW
Message-ID: <MABBIKAEJNPMOAJMBKJJGEOCCEAA.wb5qyt@abq.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Gang,

Ten meters is sure hot!! Worked a DL2 and a LZ2 while mobiling home from work at 1630Z.

Rig: HTX 100 @ 5w
Ant: 102" whip
Keyer: Whiterook on mini clipboard

72, Tom WB5QYT..."Have spud will travel!"

PS: Don't forget the Socorro Hamfest in a couple of week.

Date: Wed, 17 Oct 2001 18:58:45 -0600
From: "T.W." <wb5qyt@abq.com>
To: <qrp-1@lehigh.edu>
Subject: [108962] FS: Heath HM-102
Message-ID: <MABBIKAEJNPMOAJMBKJJAEODCEAA.wb5qyt@abq.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Gang,

HM-102 SWR/PWR meter, analog with manual. 35 bux shipped CONUS.

72, Tom WB5QYT..."Have spud will travel!"

Date: 17 Oct 2001 21:29:06 -0400
From: Richard Mulvey <rich@mulveyfamily.com>
To: KF4YYD@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [108963] Re: ZM-2 Construction
Message-ID: <1003368547.15446.4.camel@zipppy.aa2ys.ampr.org>
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Mime-Version: 1.0

On 17 Oct 2001 16:34:06 -0400, KF4YYD@aol.com wrote:

> Hi,
>
> Just a quick question about the ZM-2 ATU. After several month's of
> procrastination I finally have mine ready for completion. In punishment for
> not finishing this project on time it seems that I have misplaced forever
> both of the supplied front panel decals, can anyone tell me what the verbage
> is on switch #2 (SPDT)? It is located to the right and slightly below the
> black balanced input jack. From my reading of the schematic it would appear
> that this switch selects between balanced input and unbalanced.

>
Tom:

You can get a downloadable version of the panel decal, to print your own, at <http://emtech.steadynet.com/zm2label.html>

- Rich

Date: Wed, 17 Oct 2001 19:25:46 -0600
From: "T.W." <wb5qyt@abq.com>
To: <qrp-1@lehigh.edu>
Subject: [108964] Info: NC40
Message-ID: <MABBIKAEJNPMOAJMBKJJIEODCEAA.wb5qyt@abq.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Gang,

Anyone convert the NC40 to 30 meters, and if so how do you like it?

72, Tom WB5QYT..."Have spud will travel!"

Date: Wed, 17 Oct 2001 22:16:04 -0400
From: "Stephen D. Cohen" <scohen@tampabay.rr.com>
To: "QRP-L Mailing List" <qrp-l@lehigh.edu>,
"Jim Huhta" <aa4md@amsat.org>, "Jim Gerhart" <kd4rml@gte.net>,
Subject: [108965] CLUB: WestFLA QRP Meeting this Saturday, 20 September 2001
Message-ID: <NDBBJALMDCJHFFPJMMFKGEFBGGAA.scohen@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Ladies and Gentlemen,

The next meeting of the Western Florida QRP Club (WestFLA) will be held this Saturday, the 20th of October at the Tampa Amateur Radio Club (TARC) clubhouse in Tampa, FLA. The meeting will begin about 10 AM local time (1400 UTC) and will end when everybody has had enough.

The meetings are run on the NorCal structure, or put another way, without structure. Folks just turn up and show off their projects, or put them on the air (The TARC clubhouse has a BIG KLH tri-bander and a GAP Vertical) or lie about the DX that got away or show off pictures of the grand-kids or get help with a kit or aligning a radio or whatever. Someone will bring donuts and coffee will be provided (somehow). The TARC facility is nice this way, as they have a full kitchen.

For directions to the TARC clubhouse, simply have a look at:

<http://www.qsl.net/westfla>

You will find a link there to the TARC web page and directions to the clubhouse. The web page also has some pictures from our first meeting, if you would like to get a feel for how they run. If you are interested in attending and you are web challenged, just drop us a line at westfla@qsl.net and we will e-mail directions your way.

I will bring a signal generator, counter and oscilloscope, so if you need help aligning a recent project or debugging something, we will have the correct tools. I can probably even be of some help myself, though I suspect that Mike Maiorana will be more helpful in most debugging ventures. Either way, we can provide some help.

Since I have finally provided Mac with his Direct Digital Synthesis kit from my friends in NJ, perhaps Mac and I will get started with it this Saturday. This kit produces any frequency from about .1 Hz on up to 60MHz with ease. It contains some cuts and jumpers and some surface mount parts, so maybe Mac and I will get started on putting it together. Mac?

In addition, I will continue to help Mac with his Flying Whatsit NoGA Slider Tin Aid PIG niner ball rig. I think Mike M. will also be helping Mac debug a problem with his K2, so if you have always wanted to learn more about the guts of this little beauty, here is your chance. Of course, DXing with the club big hootie tri-bander and your QRP rig is always a treat. Last month I worked Jakarta, Indonesia on 15M SSB with my K2 at 5W. Bring your rig along and hook it to the BIG KLM tri-bander and see what *you* can work.

This Saturday we will also have a very special door-prize: One of the Ft. Smith QRP Group Iambic Paddle/TiCK Keyer Kit. See it on the NorCal web page. <http://www.fix.net/~jparkernorcal.html> (NOTE: Door prize subject to minimum attendance at the sole discretion of whoever)

Now you know what *I'm* going to bring, what are you going to bring? Well, enough blathering, it's time to get this message out to the world. Hope to see you on Saturday.

73,

Steve, NF4X

Date: Wed, 17 Oct 2001 22:31:26 -0400
From: Dave Fouchey <dafouchey@home.com>
To: sslyon@megalink.net,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [108966] Re: Tripod: wind, other vibrations...
Message-ID: <4.1.20011017222819.00949a20@localhost>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have used milk jugs filled with water to stabilize and damp the motion on my Telescope, not as form fitting as bean bags but fairly light weight until filled on site. And being the cheap sort they are easily procured.. Wonder how the nalgene water bags would be for that?

73's
Dave
WA4EMR/8

At 07:14 PM 10/17/2001 -0400, ss lyon wrote:

>The "sandbag" idea is a tried and true method. But sand isn't the weight
>medium of choice -unless particulates aren't a concern, as in antennas. For
>photography a common trick is to use one pound bags of rice or beans duct
>taped to critical areas. Lead shot is more efficient, but not as handy or
>available, usually. I've used the 'bean bag' to damp out mirror slap from my
>SLR on a telescope as well as long exposure shots on a tripod. Very
>effective, esp. when coupled with the ubiquitous duct tape to put and keep
>it in the right place.

>73

>AA1MY

>

>

>Seabury & Sharon Lyon
>99 Sparrowhawk Mtn Rd
>Bethel, Me, 04217 U.S.A.
>207-836-2576

>

>Virus Protection by Norton and ZoneAlarm

>----- Original Message -----

>From: "Bruce Muscolino" <w6toy@erols.com>

>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

>Sent: Wednesday, October 17, 2001 5:10 PM

>Subject: Re: MP-1 tripod and wind

>

>

>> Professional photographers use small sand bags to stabilize their
>> tripods and light stands in high wind.

Date: Wed, 17 Oct 2001 20:51:35 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-1@lehigh.edu
Subject: [108967] CQ Magazine a target for terrorists?
Message-ID: <3BCDEF57.28144.1869407@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-transfer-encoding: Quoted-printable
Content-description: Mail message body

Believe it or not, this is straight off of CQ's web site at

<http://news.cq-amateur-radio.com/announce.htm> .

Due to security concerns, CQ Communications Inc. is

asking all participants in CQ-sponsored amateur radio contests to submit their logs electronically. All logs for the CQ World Wide DX Contest, the CQ WPX Contest, the CQ World Wide 160-Meter Contest, the CQ World Wide VHF Contest and the CQ/RTTY Journal RTTY contests should be submitted via e-mail

per instructions in the rules for each contest. In light of recent events regarding hazardous items sent through the mail, logs received through the mail at the CQ offices will be held unopened until all potential health risks have been evaluated. CQ says it cannot guarantee that logs submitted by postal mail will be opened. Contesters who want to be sure their scores will be counted must submit by e-mail.

"We regret the need to inconvenience those contesters who do not have access to internet-connected computers, or who choose to log by hand and submit those hand-written logs," explained CQ Communications President Dick Ross, K2MGA. "But our logs come from all over the world"

While the risk that amateurs might be involved in any sort of terroristic activity is extremely small

mail en route may be subject to tampering. We cannot

ask our staff members or contest committee volunteers to possibly expose themselves to dangerous packages sent through the mail."

CQ requests that this information be disseminated widely so as many contesters as possible will be aware of this rules change before the SSB weekend on

the CQ World Wide DX Contest on October 27-28.

Alternatives for contesters without computer logging

programs or e-mail access:

1) Get a computer logging program. There are many excellent and reasonably-priced programs available.

Many may be downloaded on the Internet so there is no shipping delay. Some basic logging programs are even available as =93freeware.=94
2) Transcribe your log into an ASCII text (.txt) file on a word processing program. Using the format on the log sheet, enter each item for each contact, separated by a tab. Separate each contact with a carriage return (enter key). Save onto a floppy dis=

k

and e-mail (many public libraries have computers with e-mail capabilities) to the address listed in the contest rules. Be sure to include the required information about your station in a covering e-mail message. 73

Marshall Emm
N1FN/VK5FN
n1fn@MorseX.com
Morse Express and Oak Hills Research
"Everything for the Morse Enthusiast"
<http://www.MorseX.com>
<http://www.ohr.com>
(303)752-3382
--

Date: Wed, 17 Oct 2001 22:08:48 -0500
From: Dave Sjolín <sjolin@swbell.net>
To: mgemm@mtechnologies.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [108968] Re: CQ Magazine a target for terrorists?
Message-ID: <3BCE47C0.1C862F02@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

Marshall Emm wrote:

>

> Believe it or not, this is straight off of CQ's web site at
> <http://news.cq-amateur-radio.com/announce.htm> .

>

> Due to security concerns, CQ Communications Inc. is
> asking all participants in CQ-sponsored amateur
> radio contests to submit their logs electronically.

I wonder if we should be concerned that their magazine is distributed internationally through the mail without any covering? Seems they are

more concerned about themselves than they are their customers.

73 de Dave, NOIT

Date: Wed, 17 Oct 2001 23:25:53 -0400
From: "ss lyon" <sslyon@megalink.net>
To: <dafouchey@home.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [108969] ot: Tripod vibrations...
Message-ID: <00f001c15784\$97b7f6c0\$038798ce@megalink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

One early attempt at stability involved suspending "bean bags" on a belt hung over the telescope. Unfortunately, the lack of intimate contact allowed for considerable jitter, esp. from mirror slap. Loading the bags directly on the scope completely eliminated any trace of jitter, from the camera or wind.

It took nearly a year to identify a peculiar resonance in my cheap aluminum tripod, excited by even moderate breezes. That was solved by putting bean bags directly on the braces to the center post. Lesson: a 40" refractor barrel can respond at sub harmonics of a humming aluminum channel leg or brace, thus limiting ability to resolve a point source.

73
AA1MY

Seabury & Sharon Lyon
99 Sparrowhawk Mtn Rd
Bethel, Me, 04217 U.S.A.
207-836-2576

Virus Protection by Norton and ZoneAlarm
----- Original Message -----
From: "Dave Fouchey" <dafouchey@home.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, October 17, 2001 10:31 PM
Subject: Re: Tripod: wind, other vibrations...

> I have used milk jugs filled with water to stabilize and damp the motion
> on
> my Telescope,

Date: Wed, 17 Oct 2001 20:37:43 -0700
From: "Alan Kaul" <alan.kaul@worldnet.att.net>
To: <sjolin@swbell.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [108970] Re: CQ Magazine a target for terrorists?
Message-ID: <002401c15786\$40548680\$6d28cd18@charterpipeline.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dave wrote:>>>I wonder if we should be concerned that their magazine is distributed internationally through the mail without any covering? Seems they are more concerned about themselves than they are their customers.<<<

Dave, I'm not sure I understand your statement ''... we should be concerned"

WHY?

I guess if you have to explain it, you didn't make your point.

It seems to me that CQ is concerned because of the nature of contesting snail mail entries --- bulky envelopes coming to the magazine offices from all over the world.

I'd be concerned, too, if I had to assign someone to open and and process 1500-2000 packages.

But of course, I work for a company that has already received anthrax-by-mail.

Not a flame, just an observation

Thanks and 72/73 de alan

Alan Kaul, W6RCL, LaCanada, CA
w6rcl@amsat.org
<http://home.att.net/~alan.kaul/index.html>

Date: Wed, 17 Oct 2001 22:56:16 -0500
From: "George, W5YR" <w5yr@att.net>

To: sslion@megalink.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [108971] Re: ot: Tripod vibrations...
Message-ID: <3BCE52E0.29D68DAD@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Wow, Seab! You have a 40" refractor on a "cheap aluminum tripod?" <:}

I'm impressed . . .

I thought I was doing good to handle my little 8" Meade cat on its heavy aluminum and steel tripod.

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe SOC 262
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

ss lyon wrote:

> It took nearly a year to identify a peculiar resonance in my cheap aluminum
> tripod, excited by even moderate breezes. That was solved by putting bean
> bags directly on the braces to the center post. Lesson: a 40" refractor
> barrel can respond at sub harmonics of a humming aluminum channel leg or
> brace, thus limiting ability to resolve a point source.

Date: Wed, 17 Oct 2001 23:56:39 -0400
From: Radioham <radioham@home.com>
To: mgemm@mtechnologies.com,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Cc: cq@cq-amateur-radio.com, cqletters@cq-amateur-radio.com,
w2vu@cq-amateur-radio.com, k2mga@cq-amateur-radio.com,
Subject: [108972] Re: CQ Magazine a target for terrorists?
Message-ID: <5.0.2.1.0.20011017232624.009fa0f0@netmail.home.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

As a subscriber to the CQ e-mail list, I got the announcement yesterday. A knee jerk reaction to a remote possibility of getting entries by mail from all over the world that might be contaminated with something, but they have effectively cut out all the casual testers like me who will not bother filing an entry anymore. I think they are making a mistake - surely they can accommodate a word attachment or a pdf file or a fax. If not, I

believe you will not longer see the 50, 100 and maybe even 200 contact entries. I know the only way I can win or be in the top 3 is if I happen to be the only or one of a few QRP entries in my state - and that has happened in some of the less popular contests, such as the 160 meter one. So if I'm not going to win, why go to additional trouble to file my entry?

If any of you agree, it might be worthwhile to e-mail CQ and see if they are amenable to something other than contest software or delineated text files. Their general e-mail is: cq@cq-amateur-radio.com, the editor's e-mail is: w2vu@cq-amateur-radio.com and the contest guy is at: k1ar@cq-amateur-radio.com.

When you think about it, it is somewhat ridiculous to limit this to contests. They are apparently going to continue to accept award applications by regular mail. I didn't see anything saying they wouldn't accept your check in the mail to subscribe or buy one of their products. So, if you don't put anything on the envelope other than their address, will they assume it contains a check? When they open it and it contains a contest entry, will they then throw it away? What if I use one of the many postage paid return envelopes I get every year to resubscribe? This is the crux of their statement:

"We cannot ask our staff members or contest committee volunteers to possibly expose themselves to dangerous packages sent through the mail."

So, I reiterate, they won't open contest entries from all over the world, but they will accept money and award applications from all over the world??

Get real, CQ - it's all or nothing. Either you cut off all mail or none. Since several of the anthrax bearing letters seem to have come from NJ, does that mean no mail from NJ will be accepted? No awards, subscriptions, no ads, no buying your products, no nothing by mail. In fact, two of awards, WPX and CQ DX specifically say to only contact the managers via postal mail. Why single out contests - and more importantly - will you really toss contest entries that come to your general address? The policy is irrational - that should be evident to anyone who looks at it for more than 30 seconds.

Hopefully they will reconsider this stupidity. Panic like this simply adds to the problems we are having. On the other hand, maybe I'll just throw away any mail I get that looks suspicious - all bills, anything from the IRS, letters from CQ.....

72/73,

Steve, N4EUK

Reston, VA

Date: Wed, 17 Oct 2001 23:08:14 -0500
From: Dave Sjolín <sjolin@swbell.net>
To: Alan Kaul <alan.kaul@worldnet.att.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [108973] Re: CQ Magazine a target for terrorists?
Message-ID: <3BCE55AE.36785D8@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

Alan Kaul wrote:

>
> Dave wrote:>>>I wonder if we should be concerned that their magazine is
> distributed internationally through the mail without any covering? Seems
> they are more concerned about themselves than they are their customers.<<<
>
> Dave, I'm not sure I understand your statement ''... we should be concerned
>"
>
> WHY?
>
> I guess if you have to explain it, you didn't make your point.
>
> It seems to me that CQ is concerned because of the nature of contesting
> snail mail entries --- bulky envelopes coming to the magazine offices from
> all over the world.
> I'd be concerned, too, if I had to assign someone to open and and process
> 1500-2000 packages.
>
> But of course, I work for a company that has already received
> anthrax-by-mail.
>
> Not a flame, just an observation

Yes, I guess I should leave sarcasm to real comedians as it seldom seems to work for rank amateurs such as myself.

While it is admirable that they want to protect their staff, the chance of terrorists sending Anthrax to CQ magazine is extremely remote. No more likely than someone could sprinkle anthrax into the pages of CQ before its distributed. Neither a likely scenario. To me it seems that

they are overreacting.

I doubt CQ magazine has either the news value to be worthy of targetting unless one of the terrorists felt he was cheated in a past CQWW DX contest.

73 de Dave, N0IT

Date: Thu, 18 Oct 2001 00:14:34 -0400
From: John Zaruba Jr <jzaruba@snip.net>
To: <qrp-1@lehigh.edu>
Subject: [108974] To the field Radio Packs
Message-ID: <B7F3CF6A.7A4%jzaruba@snip.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Hi Qrpers,

I'm thinking about getting a nylon pack for my QRP equipment. I'm using a K-2 with internal battery, MH2 hand mic, Super Antennas MP-1, and a (soon to be acquired) Palm Radio Mini Paddle.

I've been looking at the Mountain Ops Tac Pac K2 and the Power Port WorldPack II. I'm can't decide on either pack, each has advantages and disadvantages. In the Tac Pac's favor, it is custom fit for the K2, has screening for ventilation, and comes in a color I really like (orange). The WorldPack II has lots of storage pockets, and it seems that all the necessary "accessories" that seem to come along on any trip would have plenty of places to reside. However, it doesn't seem to have any ventilation screening. I'm not a backpacker, and camp from a pop-up, so weight is not an overriding issue.

Anyone have any thoughts or experiences with either of these two packs? I'm currently using an aluminium case that I got on sale at Hosfelt, for \$20, and I got exactly what I paid for :-(

Thanks and 72/3,

John AA2BN
K2 #1912 (the travelling one)
K2 #1568 (the stay-at-home one)

Okay, this may seem like a strange question, but trust me it's sort of related...

1. In other words, if I feed two mics into a stereo mic connector into the mic input of a PC sound card, will I actually record two separate tracks?
2. Is there a sound tool that will show me the spectrum content difference of the two tracks?
3. If so, is there a way I can easily plot or collect the data values to get the "difference" between the two channels of audio?

Just kicking around some ideas and realized I've never seen a true two-track stereo sound tool in a PC.

Thanks!

73!

Date: Wed, 17 Oct 2001 21:49:57 -0700
From: Wayne Burdick <n6kr@elecraft.com>
To: qrp <qrp-l@lehigh.edu>, elecraft@elecraft.com
Subject: [108976] Elecraft to unveil something new at Pacificon
Message-ID: <3BCE5F69.3C01B98F@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

This Friday night at the Pacificon "vendor shoot-out," we'll be announcing and demonstrating a new product. (No, it's not the KPA100 or an SWL receiver.) Shortly after we make the announcement in person, we'll send out an e-mail description and update our web site. The mystery kit has been field-tested and is already in stock.

Pacificon is shaping to be a lot of fun this year, as in the past. Hope to see you there!

Wayne, N6KR
Eric, WA6HHQ

Date: Wed, 17 Oct 2001 22:07:16 -0700
From: "N7SG K7FD" <k7fd@hotmail.com>
To: QRPP-I@yahoogroups.com
Cc: qrp-l@Lehigh.EDU
Subject: [108977] Tiny Tornado QRPP rig rcvd!
Message-ID: <F13046KXzQt1aP5N1lf000099b7@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Today's USPS delivered my new Tiny Tornado Kit from Brice, KA8MAV - I must say I am impressed! Nicely boxed, parts nicely packaged, and a great looking step by step manual, right down to the theory and history behind the radio!

The parts and pcb look to be of the highest quality - I'm anxious to give this lil' kit a whirl! Not sure what enclosure I'll go with yet...but it begs for a stealthy hideaway!

The proof of the pudding will be when I fire it up...but from the preliminary looks of the Tiny Tornado it's going to be a blast to build! First class fun all the way...

More info on the TT: <http://www.QRPP-I.com>

73 John K7FD

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Thu, 18 Oct 2001 00:57:11 -0500
From: "Jay Bromley" <w5jay@alltel.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [108978] Can't Sleep Thinking of Pacificon
Message-ID: <000701c15799\$bb57f0c0\$6518150a@alltel.net>

Guys and Gals of QRP hi,

Well it's not too late to come to Pacificon if you can get the time off. I just got my airline ticket and WOW it only cost \$220 round trip. I can't wait to hear all the guest speakers, especially NorCal's Jim Cates! I missed Jim's talk at Tuthill, but I've sure heard about it from the QRP gang over the years. Being a lover of QRP rigs, I hear Jim will be bringing some unique QRP radios that not many of us have ever seen before. I can't wait to see all of Jim Cates goodies this weekend at Pacificon.

Speaking of QRP rigs, this is the place to see some of the great builders of the QRP world. One of them is Bill Jones! If you are a subscriber to any of the QRP magazines I am sure you have seen some of Bill's handy work. But the pictures in the magazines don't do Bill's projects justice. You really need to see them in person and Pacificon, this weekend, is the place!

I haven't been keeping up with what all "Bigg Daddy" Doug Hendricks has been saying on QRP-L about Ed Manual and Eric Swartz, but they are two of the nicest people in QRP/Amateur Radio, not to mention some of the sharpest! So instead of getting my beauty sleep I am thinking about what these two men will be talking about in a couple of days from now. Gezz did I mention you owe it to yourselves to come to Pacificon THIS weekend??

Like I have told Uncle Brucie in the past, the real show is the QRPer attendees that come to these events. If you are new to QRP you will never find a closer nit group than the QRP fraternity!! The guys that come just to hang out and share information are the BEST Elmer's in the ham radio world. Rubbing elbows with Red Hot's Dave FiField, Dr. Mega Cycle Jim Duffey, Dave Yarnes, Jerry Parker, Wayne McFee, Mike Gripe, Wayne Burdick, George Heron, and many many more that I can't remember right now. It will be great to see everyone again this year and hey, I hear the drinks are on Dr. Mc, grin!

I also can't wait to take part in the St. Aidan's Church Benefit Raffle. Doug, I promised Dave Gauding that I would pick up the DSW for him, grin. I will be going after the rest!

What is this one page stuff anyway Big Daddy Doug?? Boy it pays to watch QRP-L these days. Well I am going to steal my article from QRP Icon "Sir Tony Fishpool"! If you take the NJ QRP Homebrewer you might have seen the latest rage in Manhattan construction, "The NJ Islander". Well if you are interested in this style of Manhattan be sure to stop me at Pacificon. I will show you an elegant English (From QRP Icon Sir Tony Fishpool of coarse!) solution of doing the same thing with NO drill, well sort of <g>.

Now that I got this off my chest maybe I can get some sleep? If you have been toying with the idea of coming to Pacificon and thought it was too late to get a reasonable airline ticket, get off your duff today! The rates have never and may never be cheaper!! I can't wait to see everyone on Friday and through out the whole weekend!!! Pacificon 2001 is going to be a super great QRP event!!!!

73 de w5jay/jay..

Date: Wed, 17 Oct 2001 23:35:47 -0700 (PDT)
From: Jack WsuxABC <w6abc@yahoo.com>
To: qrp-l@Lehigh.EDU
Subject: [108979] When is the Swapmeet at Pacificon?
Message-ID: <20011018063547.92069.qmail@web14201.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi,
I checked the Pacificon website and found no mention of the early morning swapmeet. Is there one this year? If so what is the day and time it will be held?
Thanks,
Jack

=====
Website: <http://home.pacbell.net/friday2k>
QRP-L #2193 SOC#165 K2#1272 K1#37

Do You Yahoo!?

Make a great connection at Yahoo! Personals.
<http://personals.yahoo.com>

Date: Thu, 18 Oct 2001 06:53:17 +0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: w2rbn@prodigy.net, qrp-1@Lehigh.EDU
Subject: [108980] Re: IC Pinouts
Message-ID: <F102nBLD9fBYP7rbNCf0000b600@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>From: Royce Simmons <w2rbn@prodigy.net>
>Reply-To: w2rbn@prodigy.net
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: IC Pinouts
>Date: Wed, 17 Oct 2001 17:39:57 -0400
>
>Hi All,
>
>Is there a site showing the pinouts for the 74xxxxx series of IC's?

http://www.repairfaq.org/filipg/LINK/GIICM/F_GIICM.html

Leon

--

Leon Heller, G1HSM Tel: +44 1327 359058 Email:leon_heller@hotmail.com
My web page: http://www.geocities.com/leon_heller
My low-cost Altera Flex design kit: <http://www.leonheller.com>

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Thu, 18 Oct 2001 00:30:20 -0700
From: "Alan Kaul" <alan.kaul@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [108981] Re: CQ Magazine no more paper logs
Message-ID: <006701c157a6\$c0cc80e0\$6d28cd18@charterpipeline.com>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Radioham wrote:>>> . I think they are making a mistake - surely they can accommodate a word attachment or a pdf file or a fax.<<<

The fact that they will not accept a fax or other kinds of files by e-mail lessens the claim that e-mail is necessary to avoid putting their employees at risk.

Perhaps a more-likely scenario is CQ no longer wants to commit paid staff (or volunteers if they can find any) to processing/inputting contest logs. By specifying certain software that the CQ Magazine computer robots automatically can analyze, check for dupes, score, etc., the contest sponsor cuts the need for humans in the process. It speeds up log-checking, makes it more accurate, and may also save payroll (or at the very least, the magazine will be able to reduce the size of its post office box).

I suspect the decision had less to do with anthrax than it did with economies in log handling. But the anthrax-by-mail scare was a convenient rationale to minimize feedback from the paper-log community.

72, 73 de alan

Alan Kaul, W6RCL, LaCanada, CA
w6rcl@amsat.org
<http://home.att.net/~alan.kaul/index.html>

Date: Thu, 18 Oct 2001 04:18:35 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: ss lyon <sslyon@megalink.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [108982] Re: Tripod: wind, other vibrations...
Message-ID: <3BCE905B.996D23F9@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Seab,

The name is generic, kind of like film! You can fill the bags with

anything that has weight and will last until you are through! Beans are very good, but tend to rot and smell up the place after a while. I like aquarium gravel.

73

Date: Thu, 18 Oct 2001 06:54:45 EDT
From: Mercxx@aol.com
To: qrp-1@lehigh.edu
Subject: [108983] For sale: Ten Tec 509/CW Filter
Message-ID: <14e.2a485a8.29000ef5@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Good morning,

I have for sale a Ten Tec 509 with external CW filter for 270.00/obo + Shipping. The unit is in good condition operationally and cosmetically. I have a copy of all mods done and a copy of the owners manual. If you have any questions please contact me off list. Thanks.

72

Steve
N4TKP
Bartow, Florida

Date: Thu, 18 Oct 2001 07:04:12 -0400
From: "Jim Stamper" <jstamper@shentel.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [108984] Re: CQ Magazine a target for terrorists?
Message-ID: <002301c157c4\$9f15d820\$e4606fcc@jstamper>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dave Sjolín, N0IT, wrote:

"I doubt CQ magazine has either the news value to be worthy of targetting .
. . ."

I thought the same about the supermarket tabloids. Wonder if QST???
Naaaah!

-jim
KG4LDY
James H. Stamper
519 Park Avenue
Woodstock, VA 22664
540-459-8350

Date: Thu, 18 Oct 2001 06:48:18 -0500
From: Terry Bassett <mutabut@net66.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [108985] Re: CQ Magazine a target for terrorists?
Message-ID: <200110181145.GAA02337@winslow.net66.com>
Content-Type: text/plain;
 charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

On Wednesday 17 October 2001 11:08 pm, Dave Sjolín wrote:

> No
> more likely than someone could sprinkle anthrax into the pages of CQ
> before its distributed. Neither a likely scenario.

Hello All,

A day or so after this anthrax attack became evident, the gov had my employer stop using corn starch to facilitate combining the printed pages that form up a patent-bound magazine, (such as QST). Corn starch puffing out of a magazine these days would just cause a needless scare to a consumer and might cause a waste of law enforcement effort.

But, my point is that a manufacturing facility like ours would be a perfect way to expose 6 or 7 million people to a bio-agent. The truth is that we have already thought of it and have had good security procedures for quite some time now.

73,

Terry KA9TXE East Central Illinois

Date: Thu, 18 Oct 2001 08:28:24 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <sjolin@swbell.net>,

"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [108986] Re: CQ Magazine a target for terrorists?
Message-ID: <00d701c157d0\$66cb5420\$6501a8c0@INSYDENT>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

You know, everyone is trying to put their own 'spin' on this, so why not one more....

Maybe they just have limited mail room help, and what they do have is balking right now on handling packages.

I know I would.

Mike

Date: Thu, 18 Oct 2001 08:25:01 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <tomrscott@sterlink.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [108987] Re: Stereo PC sound board ?...
Message-ID: <007b01c157cf\$ea8de8a0\$6501a8c0@INSYDENT>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Okay, this may seem like a strange question, but trust me it's sort of
> related...
>
> I just realized that I don't actually know how PC sound cards are set
up.
> The sound tool in windows in every case I've seen gives one level
control
> for each source and then a balance control. When you record a sound
with the
> mic input, is it actually recording two tracks of audio or just one?
Is the
> balance just determining the speaker output balance?
>
> 1. In other words, if I feed two mics into a stereo mic connector into
the
> mic input of a PC sound card, will I actually record two separate

tracks?

Generally, stereo is recorded as two separate tracks, but the file that is produced is a single stereo file, not two mono files.

As to how the mixers work, that is a function of your hardware. But, as an 'observation', I don't recall ever seeing a setup that allowed separate mic gains or balance on input.

> 2. Is there a sound tool that will show me the spectrum content difference of the two tracks?

Yes, but you may have to break the tracks up manually.

> 3. If so, is there a way I can easily plot or collect the data values to get the "difference" between the two channels of audio?

Hmm, there are TONS of audio tools out there. Some quite extensive in their capabilities. I don't know of one specifically for this, but I HAVE seen a kareoke (oh geesh, I have no idea how to spell it) package that was used to subtract any 'common' sounds between tracks as a way to eliminate the vocals. I had to do more than just be a simple sum and difference detector of the raw data, as it worked better than what you would expect and took a LOT of processing time. Sorry, but I don't recall what it was called.

> Just kicking around some ideas and realized I've never seen a true two-track stereo sound tool in a PC.
>

As I said, there is a TON of audio stuff out there, if you look. I've been out of the loop now for quite some time though. The last thing I used was 'BlasterMaster'! Hey, that was fantastic for shareware! It even helped me identify a local jammer on a 2M repeater!! Prior to that, I wrote all my own stuff.

Mike

> Thanks!
>

> 73!
>
> - Tom Scott, Field Applications Engineering

Date: Thu, 18 Oct 2001 08:37:02 -0400
From: "Mark J. Dulcey" <mark@buttery.org>
To: sjolin@swbell.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [108988] Re: CQ Magazine a target for terrorists?
Message-ID: <3BCECCEE.8030809@buttery.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Dave Sjolin wrote:

> Marshall Emm wrote:
>
>>Believe it or not, this is straight off of CQ's web site at
>><http://news.cq-amateur-radio.com/announce.htm> .
>>
>> Due to security concerns, CQ Communications Inc. is
>> asking all participants in CQ-sponsored amateur
>> radio contests to submit their logs electronically.
>>
>
> I wonder if we should be concerned that their magazine is distributed
> internationally through the mail without any covering? Seems they are
> more concerned about themselves than they are their customers.

No, I think they're just taking advantage of the situation to get rid of those pesky paper logs once and for all. They really would prefer to get everything in electronic format; it makes the log checking much easier. I'd bet dollars to doughnuts that this change will end up being permanent. (Of course, that's only about 2-1 odds these days...)

Date: Thu, 18 Oct 2001 08:41:23 -0400
From: "John L.Sielke" <jsielke@pobox.com>
To: jstamper@shentel.net, qrp-1@lehigh.edu

Subject: [108989] Re: CQ Magazine a target for terrorists?
Message-ID: <0110180841230H.09321@njbirdman>
Content-Type: text/plain;
charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

On Thursday 18 October 2001 07:04, you wrote:

> Dave Sjolín, NOIT, wrote:
>
> "I doubt CQ magazine has either the news value to be worthy of targetting .
> . . "
> -----
>
> I thought the same about the supermarket tabloids. Wonder if QST???
> Naaaah!
>
> -jim

--

When I saw they were targeting the tabloids I was amazed. If they actually succeeded in wiping out the "Sun's" readership, perhaps along with the 'National Enquirer,' it would only strengthen the gene pool in the US.

John L Sielke W2AGN
w2agn@pobox.com
<http://www.qsl.net/w2agn>

Date: Thu, 18 Oct 2001 08:41:55 -0400
From: W2AGN <w2agn@pobox.com>
To: jstamper@shentel.net, qrp-1@lehigh.edu
Subject: [108990] Re: CQ Magazine a target for terrorists?
Message-ID: <0110180841550I.09321@njbirdman>
Content-Type: text/plain;
charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

On Thursday 18 October 2001 07:04, you wrote:

> Dave Sjolín, NOIT, wrote:
>
> "I doubt CQ magazine has either the news value to be worthy of targetting .
> . . "
> -----

>
> I thought the same about the supermarket tabloids. Wonder if QST???
> Naaaaah!
>
> -jim

--

When I saw they were targeting the tabloids I was amazed. If they actually succeeded in wiping out the "Sun's" readership, perhaps along with the 'National Enquirer," it would only strengthen the gene pool in the US.

John L Sielke W2AGN
w2agn@pobox.com
<http://www.qsl.net/w2agn>

Date: Thu, 18 Oct 2001 08:18:40 -0500
From: Wayne Rogers <w5kdj@juno.com>
To: qrp-1@lehigh.edu
Subject: [108991] ram
Message-ID: <20011018.081840.-659677.1.w5kdj@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I am in need of 32 pin RAM (>1mcs sticks) for an old 386. I'm QRZ.

W5KDJ
Wayne in Spring, Tx.

Date: Thu, 18 Oct 2001 09:55:48 -0400
From: "ss lyon" <sslyon@megalink.net>
To: "George, W5YR" <w5yr@att.net>
Cc: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [108992] OT: 40" 1-o-n-g Refractor barrel...
Message-ID: <005901c157dc\$97a85e60\$038798ce@megalink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

yep... 40" dia. would require a Keck sized base and my wobble-pod wouldn't

even hold the coffee cup!

73

-s-

Seabury Lyon
99 Sparrowhawk Mtn Rd
Bethel, Me, 04217 U.S.A.
207-836-2576

Virus Protection by Norton and ZoneAlarm

----- Original Message -----

From: "George, W5YR" <w5yr@att.net>

To: <sslyon@megalink.net>

Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Wednesday, October 17, 2001 11:56 PM

Subject: Re: ot: Tripod vibrations...

> Wow, Seab! You have a 40" refractor on a "cheap aluminum tripod?" <:}

>

> I'm impressed . . .

>

> I thought I was doing good to handle my little 8" Meade cat on its heavy
> aluminum and steel tripod.

>

> 72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6

> Fairview, TX 30 mi NE of Dallas in Collin county EM13qe SOC 262

> Amateur Radio W5YR, in the 56th year and it just keeps getting better!

> Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

>

>

> ss lyon wrote:

>

> > It took nearly a year to identify a peculiar resonance in my cheap
aluminum

> > tripod, excited by even moderate breezes. That was solved by putting
bean

> > bags directly on the braces to the center post. Lesson: a 40" refractor

> > barrel can respond at sub harmonics of a humming aluminum channel leg or

> > brace, thus limiting ability to resolve a point source.

Date: Thu, 18 Oct 2001 09:31:31 US/Central

From: delphinus@brightok.net

To: qrp-l@Lehigh.EDU

Subject: [108993] RE: Gas Powered Radio

Message-ID: <200110181430.JAA00793@mail5.brightok.net>

With all this talk of alternative power sources for radio, I thought you all would enjoy hearing about this. There's a ham that has a radio powered by his CW key strokes. A tiny plunger attached to the key turns a generator. Check out the following quote...

With nothing up his sleeve (like a power supply or batteries), JA1IXI (Mr. Ohwada) operates his self-powered Firefly-II Self-Powered Transmitter. A "plunger" attached to the key knob drives a tiny generator in the base. Pumping the key to send Morse code generates the power to put it on the air!--thanks to Dennis Terribile, WR4I

The original is from the ARRL "In Brief" and has pictures. It is located at <<http://www.arrl.org/news/stories/2001/10/17/2/?nc=1>>, just look for the subtitle "Now for Something Completely Different:"

73, Matthew,
AD5AP

This message was sent using BrightNet MailMan.
<http://www.Brightok.net/mailman/>

Date: Thu, 18 Oct 2001 11:00:44 -0400
From: "RR" <n4gi@tampabay.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [108994] Re: Gas Powered Radio
Message-ID: <001401c157e5\$ad0b22c0\$6a01a8c0@mburton>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>>With all this talk of alternative power sources for radio, <<

Perhaps the next thread should be-

"Now how do I rid my Ballard-cell-powered-QRP-mobile transceiver of RFI from my 9mpg SUV?"

73

Blake Meinecke N4GI

Date: Thu, 18 Oct 2001 09:24:09 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-l@lehigh.edu>
Subject: [108995] QRP antenna problems
Message-ID: <Pine.LNX.4.33.0110180917270.1758-100000@cannac.fun>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Using my new Yaseu FT-817 I find it doesn't make the SWR bridge in my MFJ 941C tuner work at all well. May have a problem that needs fixing. Anyway yesterday I was calling people on 15 and 20 meters that were quite strong but they didn't answer. I decided band conditions were bad compared to the day before. Not as many signals.

About 8:30PM yesterday I glanced at the antenna switch and I had the 40 meter vertical selected! The 817 showed it was putting power into the antenna, but very little was radiated.

I plan to take the radio into Wal Mart and show the guys drinking coffee how small it can get.

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.qsl.net/k5di/>

Date: Thu, 18 Oct 2001 08:53:21 -0700
From: "Doug Hendricks" <ki6ds@dph.dpol.net>
To: <qrp-l@Lehigh.EDU>
Subject: [108996] QRPacificon QSO Party for Everyone
Message-ID: <010901c157ed\$064f23c0\$4a0b0d0a@dph.dpol.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys, the internet is a powerful tool, and we are gonna prove it one more time. This Friday night, the guys attending Pacificon are going to have a QSO party at Pacificon with the following rules:

8:00 PM - 9:00 PM Annual NorCal Pacificon QSO Party.

Use any rig to work the contest.

CW & SSB Modes Only

Any NON-Warc Hamband

Scoring: 1 point per qso, must exchange name, signal report, and year first licensed. Final Score bands worked x qso's. Example you work WA6GER on 40, 20 and 15. 3 qso's x 3 bands, 9 points. You may work stations on as many bands as you wish, but only 1 mode per band. Logs must be turned in 30 minutes after the end of the contest.

Antennas: Must be able to fit in a 6' x 6' x 6' area.

Tuners are allowed.

Paul Harden, genius that he is, suggested that we expand this to include everyone. So, the great NorCal QRPacificon Contest Committee got together and met in a dark, dingy bar in Dos Palos, and came up with the following contest. The qrp-1 part of the contest will be as follows. It will run for 1 hour, which is 8:00 to 9:00 PM Pacific Daylight Time Friday night. I will let someone who understands and can explain it do the UTC stuff.

Here are the rules for the guys not at QRPacificon:

8:00 PM - 9:00 PM Annual NorCal Pacificon QSO Party.

Use any rig to work the contest. 5 Watts Power Limit

CW & SSB Modes Only

All Stations eligible to be worked

Any NON-Warc Hamband

Scoring: 1 point per qso, must exchange name, signal report, and year first licensed. Bonus points of 100 for working any Station at Pacificon. Final Score bands worked x qso's + Bonus points. Example you work WA6GER on 40, 20 and 15. 3 qso's x 3 bands, 9 points. You may work stations on as many bands as you wish, but only 1 mode per band. Logs must be posted to QRP-L with your total score and a list of your contacts. You have until Sunday night to post your logs. No prizes, no awards, just bragging rights and fun.

Antennas: Any Antenna Allowed

Note: QRPacificon stations will call CQ NCP, all others use CQ PAC

Tuners are allowed. Have fun.

Date: Thu, 18 Oct 2001 11:49:18 -0400
From: Bruce Muscolino <w6toy@erols.com>

To: mgemm@mtechnologies.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [108997] Re: CQ Magazine a target for terrorists?
Message-ID: <3BCEF9FE.E6062D4E@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Marshall,

I am sure they are worried about anthrax. But i think it is more likely they want to eliminate the employees who enter contest data into computers and bring themselves more in line with the ARRL! The league went all computer last year! They will still accept manual entries BUT they must be entirely manual, dupe sheets and all. The really want everybody to use logging software and put their logs into Cabrillo format!

73

Date: Thu, 18 Oct 2001 15:51:08
From: "Brad Hernlem" <alihernlem@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [108998] Pacificon Swapmeet?
Message-ID: <F106uFZv1W9pKfCrwZk0000a405@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Do any of you who are in the know, know whether there will be a swapmeet at Pacificon this year?

Brad

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Thu, 18 Oct 2001 11:54:52 -0400
From: "Jim Stamper" <jstamper@shentel.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [108999] Re: Gas Powered Radio
Message-ID: <002801c157ed\$39b651c0\$cf5556fcc@jstamper>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thomas Edison, I'm told, had a well with a pump that filled a water tank in his attic. He had so many visitors that he rigged his front gate with a gear mechanism hidden in some well placed shrubs. Every time somebody came or went through the gate when it was opened it pumped some water up into the tank in the attic.

Wonder if that is where the idea for a generator running on the CW keystrokes came from?

jim-
KG4LDY

Date: Thu, 18 Oct 2001 12:00:40 -0400
From: "Kochenderfer, Mike (M.)" <mkochend@ford.com>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Message-ID: <200110181600.f9IG0jk16997@dymwsm11.mailwatch.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"

Ok, gang - the article in the current QST Hint and Kinks column explains how to get rid of transmitted key clicks. What I need to know is how to eliminate local key clicks. These are clicks that I can here thru my phones but are not transmitted. I am using the MFJ cub (40 meters) with a straight key. Probably need to put something between the terminals of the key but I need some help on this. Tnx in advance.

Mike

Kochenderfer

AB8CQ

mkochend@ford.com

Date: Thu, 18 Oct 2001 11:19:41 -0500
From: "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>
To: "'jstamper@shentel.net'" <jstamper@shentel.net>,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [109001] RE: Gas Powered Radio
Message-ID:

<E78D8A9D6762D411B5440008C791D4AA04A4A021@dfwex03.allegiancetelecom.com>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

I don't know about that "gate pump", but Thomas Edison
is my favorite inventor/hero!

If it wasn't for Tom's invention of the lightbulb, we'd
have to watch television in the dark!

Karl K - W8TIF
McKinney, Texas

-----Original Message-----

From: Jim Stamper [SMTP:jstamper@shentel.net]
Sent: Thursday, October 18, 2001 10:55 AM
To: Low Power Amateur Radio Discussion
Subject: Re: Gas Powered Radio

Thomas Edison, I'm told, had a well with a pump that filled a water tank in
his attic. He had so many visitors that he rigged his front gate with a
gear mechanism hidden in some well placed shrubs. Every time somebody came
or went through the gate when it was opened it pumped some water up into the
tank in the attic.

Wonder if that is where the idea for a generator running on the CW
keystrokes came from?

jim-
KG4LDY

Date: Thu, 18 Oct 2001 11:23:31 -0500
From: "Gary Lee Phillips" <ka9nzi@arrl.net>
To: qrp-l@Lehigh.EDU
Subject: [109002] Re: Gas-powered radio
Message-ID: <200110181623.MAA31498@blount.mail.mindspring.net>

OK, guys, here is the reference:

Watts, Geoff. Turn on, tune in, stand back. New Scientist
Magazine, vol 171 issue 2298, July 7 2001, page 50.

Watts relates the historic facts of the British gas-powered
radio industry. As I thought I remembered, such radio receivers

were introduced in an attempt to discourage people from electrifying their homes in order to operate conventional radios. This was in the 1930s. The power was generated by the use of thermocouples heated by a gas burner, excess heat was released through a vent in the top of the cabinet. A footnote states that an example of such a receiver can be seen in the Leicester Gas Museum (for information telephone 0116 2503190.)

(This is a popular, not a technical article, but fascinating reading anyway.) If it could be done in 1934 using vacuum tubes, I'm sure it can be done better today with low power consumption devices.

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg
QRP-L #2124 <http://www.qsl.net/ka9nzi/>

Date: Thu, 18 Oct 2001 09:27:59 -0700 (PDT)
From: "Robert P. Okas" <vintage@best.com>
To: Brad Hernlem <alihernlem@hotmail.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [109003] Re: Pacificon Swapmeet?
Message-ID: <20011018092504.J19016-100000@shell14.ba.best.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Folks,

I'm about 90% certain there is no outdoor swapmeet this year. The 2nd hand news I received is that the organizers want all the vendors indoors and available throughout the day.

73,
Bob - W3CD

On Thu, 18 Oct 2001, Brad Hernlem wrote:

> Do any of you who are in the know, know whether there will be a swapmeet at
> Pacificon this year?
>
> Brad
>
> -----
> Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

>
>

Date: Thu, 18 Oct 2001 12:27:17 -0400
From: Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>
To: mkochend@ford.com, qrp-1@Lehigh.EDU
Subject: [109004] Key clicks local
Message-ID: <p05100305b7f4b2dd07fe@[132.235.81.75]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

>Ok, gang - the article in the current QST Hint and Kinks column
>explains how to get rid of transmitted key clicks. What I need
>to know is how to eliminate local key clicks. These are clicks that
>I can hear thru my phones but are not transmitted.
>I am using the MFJ cub (40 meters) with a straight key. Probably
>need to put something between the terminals of the key but
>I need some help on this. Tnx in advance.
>

Wonder if the key clicks are caused by just being too close to the
transmitter? Try transmitting into a dummy load and see what it
sounds like. If you still have them, put a dummy load on the
receiver or shield the antenna input some way.

I had an old NC-98 receiver that did the same thing with a
transmitter that I had built many moons ago. Once I tried the above,
it sounded great.

73 de NS80

Date: Thu, 18 Oct 2001 11:36:45 -0500
From: "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>
To: "'weinfurt@oak.cats.ohiou.edu'" <weinfurt@oak.cats.ohiou.edu>,
Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [109005] RE: Key clicks local
Message-ID:
<E78D8A9D6762D411B5440008C791D4AA04A4A023@dfwex03.allegiancetelecom.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I believe you'll find the MFJ "Cub" is a transceiver, not a separate transmitter and receiver as you and I operated years ago, Greg.

Since the keyclicks are not radiated to the distant-end station, I believe they are caused in the "local" switching between transmit and receive (which occurs between dits and dahs) *within* the MFJ Cub transceiver. THAT'S what this hapless soul is hearing!

Sounds to me like some digging into the keying circuitry is what's required to eliminate this "bug".

Karl K - W8TIF
McKinney, Texas

-----Original Message-----

From: Greg Weinfurtner [SMTP:weinfurt@oak.cats.ohiou.edu]
Sent: Thursday, October 18, 2001 11:27 AM
To: Low Power Amateur Radio Discussion
Subject: Key clicks local

>Ok, gang - the article in the current QST Hint and Kinks column
>explains how to get rid of transmitted key clicks. What I need
>to know is how to eliminate local key clicks. These are clicks that
>I can hear thru my phones but are not transmitted.
>I am using the MFJ cub (40 meters) with a straight key. Probably
>need to put something between the terminals of the key but
>I need some help on this. Tnx in advance.
>

Wonder if the key click are caused by just being too close to the transmitter? Try transmitting into a dummy load and see what it sounds like. If you still have them, put a dummy load on the receiver or shield the antenna input some way.

I had an old NC-98 receiver that did the same thing with a transmitter that I had built many moons ago. Once I tried the above, it sounded great.

73 de NS80

Date: Thu, 18 Oct 2001 11:44:35 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-1@lehigh.edu>

Subject: [109006] Sked with WF5A\4
Message-ID: <Pine.LNX.4.33.0110181140270.2095-100000@cannac.fun>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Just got a call from Karl, WF5A and he says he hasn't got on because he forgot to take along a BNC to PL-269 converter. There are no Radio Shacks near the Interior Building. The Interior Secretary was formed in 1849 so it's an old outfit at...1849 E Street.

Karl was on a walk after lunch past the White House and around back to Interior.

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.qsl.net/k5di/>

Date: Thu, 18 Oct 2001 17:49:27 +0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [109007] Re: Gas-powered radio
Message-ID: <F126iolTWgRaXB5IaF10000bfae@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Someone asked about small Stirling and steam engines. They are quite easy to make if you have a small lathe like the Taig I've got, and there are lots of designs floating around. I haven't got around to making one yet, though.

Conrad Electronics in Germany sell a couple of small Stirling engines for about \$125:

<http://www.conrad-electronics.com>

They are powered by a spirit lamp.

73, Leon

--
Leon Heller, G1HSM Tel: +44 1327 359058 Email:leon_heller@hotmail.com
My web page: http://www.geocities.com/leon_heller
My low-cost Altera Flex design kit: <http://www.leonheller.com>

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Thu, 18 Oct 2001 13:52:32 -0400
From: "Tim A. King Jr." <iflyos@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [109008] Info/Help needed
Message-ID: <F121louBI3YrFAGWYbc00009307@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Guys,

Can anyone point me in the direction I need to go to find an OLD article from Ham Radio Magazine? I would like to have the January 1989 article about a 20-meter QRP transceiver based on an NE602. Any help would be appreciated!!!

Best 72/3

Tim A. King, Jr.
KG4MQD
Safety Officer, Hobby Park R/C Aircraft Club
Winston Salem, NC
AMA# 578668

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Thu, 18 Oct 2001 17:53:04 +0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [109009] Stirling and steam engines for QRP power
Message-ID: <F10yaGWpWrZ3YAbek2l0000c038@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Someone asked about small Stirling and steam engines. They are quite easy to make if you have a small lathe like the Taig I've got, and there are lots of designs floating around. I haven't got around to making one yet, though.

Conrad Electronics in Germany sell a couple of small Stirling engines for about \$125:

<http://www.conrad-electronics.com>

They are powered by a spirit lamp. They won't be very efficient, so a steam engine might be better.

A group at MIT is working on a tiny Wankel engine for powering laptops and the like. I think it's less than an inch across.

73, Leon

--

Leon Heller, G1HSM Tel: +44 1327 359058 Email:leon_heller@hotmail.com

My web page: http://www.geocities.com/leon_heller

My low-cost Altera Flex design kit: <http://www.leonheller.com>

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Thu, 18 Oct 2001 10:55:13 -0700

From: "John Stevens" <john.w.stevens@home.com>

To: <qrp-1@Lehigh.EDU>

Subject: [109010] Special Event Station K7UGA on the Air This Weekend

Message-ID: <007301c157fe\$0a26a8e0\$d05a0b18@k5js.net>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Picked from the Heathkit list...

73 John K5JS

Special Event Station K7UGA on the Air This Weekend

October 20-21, 2001

K7UGA was the callsign of U.S. Senator Barry Morris Goldwater. Former Arizona senator and presidential candidate.

Goldwater was also a Life Member of the Central AZ DX Association.

The famous K7UGA callsign formerly held by the late senator was re-issued to the Central Arizona DX Association. The FCC granted CADXA's request for K7UGA on October 24, 2000.

This weekend that famous callsign, K7UGA, will be re-activated with a special events station. Look for K7UGA .032 +/- on CW and 5-10 kHz. up from the U.S. General assignments on SSB. K7UGA will also be on WARC bands. Try 10110, 18.090, 24.905 cw and 18.160 and 24.965 SSB.

For more information on this Special Event Station, go to <http://www.cadxa.org>

Dave N7RK

Dave N7RK - Webmaster CADXA <http://cadxa.org>
Phoenix, Arizona *DXCC Honor Roll* *WAZ#23 - 75 Meter SSB*

ex-XE2/N7RK, N7RK/ZB2, VK2ERK, ZM0AJN, WB6NRK, WN6IWX

Boatanchor Collector Extraordinaire preferring Hallicrafters, National and what ever else looks interesting!

E-Mail: n7rk@dancris.com Home Page:
<http://www.dancris.com/~n7rk>

This list is a public service of the City of Tempe, Arizona

Subscription control - <http://www.tempe.gov/lists/control.asp?list=HEATH>
To post - HEATH@LISTSERV.TEMPE.GOV
Archives - <http://interactive.tempe.gov/archives/HEATH.html>

Date: Thu, 18 Oct 2001 06:29:09 -0500
From: "Chuck Carpenter" <w5usj@globeco.net>
To: qrp-l@Lehigh.EDU, George Baker <w5yr@att.net>,
Lew Paceley <lew@paceley.com>,
Subject: [109011] NETXQRP Club Meeting
Message-ID: <3.0.2.32.20011018062909.00821910@mail.globeco.net>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

QRPLers,

The next meeting of the NETXQRP Club will be held this coming Saturday.
Interested folks are invited to attend.

Saturday

October 20, 2001

1:00 to 3:00 PM (or so)

John Y Miguel's Cafe (Tex/Mex & 'merican)

104 State Highway 205

Terrell, TX

Phone: (972) 524-1447

Directions:

Miguel's is on the west side of Terrell. It is on 205 north, near the intersection of I-80, 205, and 148. 205 goes north from I-80 toward Rockwall and 148 goes south back across I-20. Go north on 205 about 1/4 mile and it's on the right. Big place, hard to miss. It's just past a Kuick Kar lube-and-tune place and across the road is a Walmart plaza.

If you have a favorite QRP something you'd like to bring along, please do. Weather permitting we may try some portable operation either behind the restaurant or at a local park in Terrell. Come join the fun!

For more NETXQRP Club info check our website: <http://www.netxqrp.org/>

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1

QRP-ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275

Zombie #759, RARA #3, Visit NETXQRP Web Site: <http://www.netxqrp.org>

Date: Thu, 18 Oct 2001 14:22:50 -0400

From: Ken Newman <N2CQ@dandy.net>

To: epaqrp-l@Lehigh.EDU, QRP-L@Lehigh.EDU, njqrp@njqrp.org,
n9avg@amsat.org

Subject: [109012] [CONTEST] QRP Contest Calendar Oct 20-31

Message-ID: <3.0.6.32.20011018142250.00937600@mail.dandy.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

~~~~~

## QRP CONTEST CALENDAR

October 20 to 31, 2001

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### 40 METER FOXHUNTS

Fox Hunt - Thursday 9PM Eastern Time US - Begins 10/25

Info: <http://www.cqc.org/fox>

Cub Fox Hunt - Tuesday 9PM Eastern Time US - Begins 10/30

Info: <http://www.qsl.net/k5di/fox/>

Truffle Hunt - Thursday 8:30PM Eastern Time US - Begins 10/25

Info: [http://fpqrp.com/pig\\_hunt.html](http://fpqrp.com/pig_hunt.html)

---

### JARTS WW RTTY Contest

Oct 20 - 0000z to Oct 21 - 2400z

Rules: <http://www.edsoftz.com/JARTS/2001/rules2001.html>

---

### Asia-Pacific Sprint (CW)

Oct 21 0000z to 0200z

Rules: <http://jsfc.org/apsprint/>

---

### Worked All Germany Contest (CW/SSB) ... QRP Category

Oct 20 - 1500z to Oct 21 - 1459z

Rules: <http://www.darc.de/referate/dx/fedcg.htm>

---

### RSGB 21/28 MHz Contest (CW) ... QRP Category

Oct 21 - 0700z to 1900z

Rules: <http://www.sk3bg.se/contest/rsgb2128.htm>

~~~~~  
Illinois QSO Party (CW/PH)

Oct 21 - 1800z to Oct 22 - 0200z

Rules: <http://www.megsinet.com/~jematz/ilqpa01.html>
~~~~~

Zombie Shuffle (CW) \*\*\* QRP CONTEST \*\*\*

Oct 26 - Local Sundown to Local Midnight (Any 4 hour period)

Rules: <http://www.geocities.com/n0qt/zombie.htm>  
~~~~~

CQ WW DX Contest (SSB) ... QRP Category

Oct 27 - 0000z to Oct 28 - 2400z

Rules: <http://cqww.com/2001rules.htm>
~~~~~

Thanks to SM3CER, WA7BNM, ARRL and others  
for assistance in compiling this calendar.

Anyone may use this "QRP Contest Calendar" for your website, newsletter,  
e-mail list or other media as you choose.  
(Include a credit to the source of this material of course.)

72 de

Ken Newman - N2CQ

N2CQ@ARRL.NET

<http://www.NJQRP.org>

<http://www.N3EPA.org>

<http://www.qsl.net/cqrp/>

-----  
Date: Thu, 18 Oct 2001 15:01:44 -0700

From: "Steve Ray" <[sbralr@worldnet.att.net](mailto:sbralr@worldnet.att.net)>

To: <[qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)>

Subject: [109013] PC Repair

Message-ID: <002101c15820\$7a788100\$a972fea9@oemcomputer>

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Found this while surfing around. It is excellent article on PC board repair.

<http://www.marvin3m.com/begin/>

Steve Ray K4JPN ex K1VKW  
EM82ep Warner Robins GA  
Elecraft K2 1422  
Heath Fan HW-101, HW-8

-----  
Date: Thu, 18 Oct 2001 15:32:53 -0400  
From: Ken Newman <N2CQ@dandy.net>  
To: QRP-L@lehigh.edu, njqrp@njqrp.org  
Subject: [109014] [CONTEST] QRP Homebrewer Logs Needed  
Message-ID: <3.0.6.32.20011018153253.008d24f0@mail.dandy.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

All Homebrewer Sprinters,

There are some good scores not received yet since the Sprint.  
You do want to be in competition for some of the NJ QRP Kit  
prizes and a nice certificate too don't you? Just send your  
log to:

Ken Newman N2CQ  
81 Holly Drive  
Woodbury, NJ 08096

or N2CQ@ARRL.NET

Send it any way you have it and I'll come up with a score for you.  
I must be received by Halloween.

Thanks!



Ken Newman - N2CQ                    == QRP CONTEST CALENDAR ==  
Woodbury, NJ                    <http://www.njqrp.org/data/contesting.html>  
FM29jt  
N2CQ@ARRL.NET

-----  
Date: Thu, 18 Oct 2001 16:00:16 -0400  
From: "Steve Blary" <steve@eclipsecat.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [109015] K2BSA/9 JOTA  
Message-ID: <PPEIIGOHKOAKJAPHAODHCEIKCKAA.steve@eclipsecat.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="us-ascii"  
Content-Transfer-Encoding: 7bit

From: jhburns@attglobal.net | Block Address | Add to Address Book  
Date: Thu, 18 Oct 2001 17:51:02 -0000  
Reply-to: scoutradio@yahoogroups.com  
Subject: [scoutradio] K2BSA/9 JOTA

Scouts from the Sagamore Council will be participating in JOTA from  
Camp Buffalo <http://www.campbuffalo.com/> located near Buffalo Indiana.  
The Kokomo Amateur Radio Club is providing the radio support.

The Boy Scouts of America club call, K2BSA/9 will be used.

Four HF stations will be on the air close to the normal scout calling  
frequencies on the 80, 40, 20, 15, 10 meter bands. A UHF - VHF  
station will also be active. Scouts will be at the radios from 1400  
until 2130 UTC Saturday. During this time most of the operation will  
be using SSB. Starting Friday afternoon, and continuing through the  
night, the staff may be on the air working both SSB and CW.

AD9T  
Jeff Burns

-----  
Date: Thu, 18 Oct 2001 15:11:01 -0500  
From: <ke5tc@crosstel.net>

To: "Low power Amateur Radio" <qrp-1@Lehigh.EDU>  
Subject: [109016] z11 auto tuner  
Message-ID: <001c01c15811\$02ac0200\$9b6e96d8@computer1>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I have completed the z11 auto tuner and enjoy the way it works. I always did like little flashing lights and things that go click-click. It does tune antennas rather fast. I have used it mobile with the hustler ant. to run up and down the bands and with the 40 meter dipole to work 10-40 meters. It's nice to put something together and it work ..  
Royce ke5tc  
Keota, OK.

-----  
Date: Thu, 18 Oct 2001 21:35:50 +0100  
From: Euramcom <mel@euramcom.freemove.co.uk>  
To: <nkennedy@tcainternet.com>  
Cc: <qrp-1@lehigh.edu>  
Subject: [109017] RE: [GQRP] Gas powered radio  
Message-ID: <E15uK4C-00042h-00.2001-10-18-21-47-01@mail1.svr.pol.co.uk>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

On Wed, 17 Oct 2001 18:44:05 -0500, Nick Kennedy wrote:  
>Arrgh! I can't stand it. Even though I know Mike posted this=  
link  
>in fun,  
>I just have to comment.  
>  
>The free electricity site says,  
> "We propose to put our generator on your property that will=  
produce  
>30  
>kilowatts (kW) per hour. "  
>

True Nick, but I took a look at the site and it seems to be a=  
variant  
of a three-phase system I did some early development work on in=  
the  
mid 60's, early 70's that was really intended to provide three=  
phase

motors with the capability to start and run from single phase supplies.

Company was Chieftain Industries and was a "trendy" co-ownership= early eco-warrior type set-up. We got the thing going pretty= well, and found a by product was a pretty high efficiency rating,= although not as high as claimed by the site. It was efficient enough that= we could run the motor from an inverter from a battery that we= charged with spare capacity on the genny side, just as suggested in the article on the website, and we were able to use the battery= almost to it's shelf life with a constant trickle charge. The limitation= was of course the viability of the battery if it was asked to do too= many start-ups of the system.

This was (I recall) patented, or parts of it were, and are now incorporated into at least two or three commercial units which do= provide three phase from single phase for motor power. The= company went on to develop an early heat exchanger/pump but was probably= too far ahead of it's time, and went bust a few years after I moved= on.

(Co-ownership? Psssst! anyone want to buy 52 shares of Chieftain= stock, very cheap?)

I suspect it's not so much a scam, as yet another eco-warrior misguided missile, as evinced by the other products listed on= site.

Idealistic rather than realistic.

Regards

mel

--72 and 73 de Mel Evans, e-mail [mel@euramcom.freemove.co.uk](mailto:mel@euramcom.freemove.co.uk)

Mel Evans GM6JAG Edinburgh Scotland  
Home of the last HW9

Visit <http://www.euramcom.freemove.co.uk> for  
US Euro Ham Radio Equivalent Parts and info,  
Add-a-Link page let's you add your own pages instantly

-----  
Date: Thu, 18 Oct 2001 17:38:48 -0400  
From: "Howard Kraus" <K2UD@adelphia.net>  
To: <n5fc@io.com>  
Cc: <qrp-l@Lehigh.EDU>  
Subject: [109018] Re: The Club Sandwich Project  
Message-ID: <00aa01c1581d\$48bc9960\$64603018@buf.adelphia.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Monty,

This sounds like the qrp-L modular project (or some-such) that was announced  
a few years ago, but didn't get past the announcement stage. Sounds cool.

I see a negative. How will my stomach feel after eating all those Altoids?  
Or, what happens when I flush 500 Altoids down the big white toroid?

Love the concept, hope it gets off the ground.

72

Howard Kraus, K2UD

-----  
Date: Thu, 18 Oct 2001 14:51:58 -0700  
From: "Doug Hauff" <slmachco@fix.net>  
To: <qrp-l@LeHigh.edu>  
Subject: [109019] KE6RIE + Straight Keys at Pacificon  
Message-ID: <200110182140.f9ILeFf11127@othello.fix.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Contrary to popular belief, I have not fallen off the edge of the Earth and

am still hiding out on the Central Coast...I'll be scooterin' around Pacificon with a bag of Straight Keys from my new batch. Those of you who have been so VERY patiently waiting for their key order may claim it at Pacificon or I will ship next week...I had intended to ship the mail orders before even mentioning the new batch, but I was again bushwacked and raped by the anodizer. I managed to get a bunch done by another anodizer but it soaked up my schedule and am even today working on the keys. I will have both anodized and powder coated keys at Pacificon. I am looking forward to a weekend of radio stuff and visiting with friends! See Ya there!

72, Doug Hauff KE6RIE

-----  
Date: Thu, 18 Oct 2001 14:48:49 -0700  
From: "Doug Hendricks" <ki6ds@dph.dpol.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [109020] I'm off to QRPacificon  
Message-ID: <01eb01c1581e\$ae806dc0\$4a0b0d0a@dph.dpol.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Guys, I'm off to QRPacificon. It is gonna be a huge party, tons of qrpers there. Tomorrow night is the dinner at Fuddruckers followed by the NorCal Pacificon QSO party. Hope to see you on the air if you can't make it to the fun and festivities. Good luck to all of you in the St. Aidan's Benefit Raffle on Saturday night. The total so far is \$1805.00!!!!!!!!!!!!!! Thanks for your support.

Don't forget, all of this is free, no charge for the qrp events. Jim Duffy is in charge of the QRP Banquet Friday night at Fuddruckers. We told him he could take Dave Yarne's spot, but it was not permanent. Also, NO speakers, NO rubber chicken, and NO suits or ties allowed at the banquet. This is western style QRP fun, grin. And, Vern, you still gotta pay for your own food.

See you all Monday. Thanks for the support. Also, I will be starting the production of the 1 page article issue of QRPp when I get back. We are up to 17 articles now!! Great response. Keep it coming. The goal is to get 72 articles. See you at QRPacificon. 72, Doug

-----  
Date: Thu, 18 Oct 2001 17:51:45 -0400  
From: G Brandon Hoyt <preacher102677@juno.com>

To: qrp-1@Lehigh.EDU  
Subject: [109021] On modifying for qrp...  
Message-ID: <20011018.175152.-191353.2.preacher102677@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

I have a radio shack swr/field strength meter, anyone modded this for use at qrp/QRPP levels?  
I might take it apart and answer my own question in a minute...

LIC,  
G. Brandon Hoyt --"Known far and Wide as the Great Pumpkin."  
Photographer, Philosopher, Preacher, Pirate, Poet.  
"God didn't promise me the sun wouldn't smite me by day" James D. Vernon  
DE KG4GVL Clear.

-----  
GET INTERNET ACCESS FROM JUNO!  
Juno offers FREE or PREMIUM Internet access for less!  
Join Juno today! For your FREE software, visit:  
<http://dl.www.juno.com/get/web/>.

-----  
Date: Thu, 18 Oct 2001 18:12:42 -0400  
From: "Randy Joiner" <biggman@accucomm.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [109022] Help Requested  
Message-ID: <000b01c15822\$04042f40\$326661d1@accucomm.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I have a small stereo amplifier circuit board which uses a TDA 7530. The data sheet calls this IC a Stereo/Bridge amplifier. I found several other devices which are also called bridge amps, however I am at a loss to what a "bridge" amp is. I would appreciate any illumination on this subject any of you would be kind enough to give. Thanks much

Randy Joiner N4SX

-----  
Date: Thu, 18 Oct 2001 18:39:55 -0400

From: Jim Campbell <jim-c@nc.rr.com>  
To: preacher102677@juno.com, qrp-1@lehigh.edu  
Subject: [109023] Re: On modifying for qrp...  
Message-ID: <3BCF5A3B.8296EB04@nc.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Brandon,

Yes, I bought a Radio Shack Field Strength / SWR Meter and found it to be much too insensitive for QRP use. My first attempt to soup it up was with an operational amplifier. At about the same time, I saw the North Georgia Pigs QRP / SWR meter. I purchased it and when it arrived I put it together. After a little thought, I decided to marry the two and have a QRP meter that also looked good. I never completed the operational amplifier circuit.

I took the RS meter apart. I discovered that the sensing circuit is on a PC board soldered to the center conductors of the two SO-239 connectors. I removed the solder from those two center connectors and broke the connection to the PC board. You still need the board for mechanical strength, but you don't want it in the circuit. I then connected two short wires from the NoGaPIGs board to the center connectors of the SO-239s. I next figured out what the three wires coming from the PC board to the meter did, and cut the two signal wires loose from the PC board. You need to leave the ground wire connected to the PC board. The two signal wires are connected to the NoGaPigs board.

I wanted my meter to show both SWR and power. Since the RS device had only one meter that was wired to show either forward or reflected power and a pot for sensitivity, I needed to add another switch to the front panel. One position of the new switch lets me read power and the other SWR. The existing switch and pot are for SWR.

My meter works FB. I haven't told you all the wiring details because I have since forgotten them. However, you should be able to figure out how to do the same. It is doable. If you need more help, please contact me and if necessary I will take it apart and re-figure out how I did it.

72,

Jim Campbell  
W4BQP

G Brandon Hoyt wrote:

>

> I have a radio shack swr/field strength meter, anyone modded this for use  
> at qrp/QRPP levels?  
> I might take it apart and answer my own question in a minute...  
>  
> LIC,  
> G. Brandon Hoyt --"Known far and Wide as the Great Pumpkin."  
> Photographer, Philosopher, Preacher, Pirate, Poet.  
> "God didn't promise me the sun wouldn't smite me by day" James D. Vernon  
> DE KG4GVL Clear.

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Date: Thu, 18 Oct 2001 15:44:40 -0700  
From: Mike Gipe <mgipe@reliablemeters.com>  
To: biggman@accucomm.net,  
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [109024] RE: Help Requested  
Message-ID: <F988E2FF74F4D111A61F00A0C949D7A964BB2C@mission>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Bridge amplifiers are now pretty common in integrated audio amp ICs. Essentially, a bridge amplifier drives two outputs with a differential signal; whereas a normal amplifier drives a single output referenced to ground. With the bridge amplifier, you connect the speaker between the two differential outputs; in a regular amplifier, you connect the speaker between the amp and ground.

The advantage of the bridge amp is that you can get twice the output voltage swing with a given power supply voltage, thus yielding four times the power out. With the lower voltage systems that now predominate in new designs, this is very important.

Mike K1MG

>>... I am at a  
> loss to what a  
> "bridge" amp is. I would appreciate any illumination on this  
> subject any of  
> you would be kind enough to give. Thanks much  
>  
> Randy Joiner N4SX  
>

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End of QRP-L Digest 2346

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